

TITLE

ORGANIC ELECTRONIC DEVICE HAVING IMPROVED HOMOGENEITY  
ABSTRACT OF THE INVENTION

A display for an electronic device may be calibrated and corrected  
5 for pixel-to-pixel variations in intensity. Radiation-sensing elements used  
for the calibration are not incorporated as circuit elements within the pixel  
circuits and may lie outside the pixels. Waveguides, reflectors, or the like  
may be used to optically couple the radiation-emitting elements of the  
10 pixels to the radiation-sensing elements. The radiation-sensing elements  
may be part of an apparatus separate from the electronic device or may  
be embedded within the electronic device. Many different methodologies  
may be used for correcting intensities to achieve better homogeneity in  
intensity among the pixels within a display.